

# NEC V Series

32" - 65" high-performance, commercial-grade LCD displays

**Maximize your messaging without having to maximize your budget.** The NEC V Series, featuring the 32" V321-2, 42" V421-2, 46" V461-2, and 65" V651, provides a cost-conscious solution for your digital signage applications. Their high-performance panel and abundance of advanced technologies promote extended use, while an adaptable mechanical design make these displays ideal for a wide variety of environments. Drive foot traffic and sales in retail stores. Whet appetites in restaurants. Build brand awareness and turn heads during presentations in corporate lobbies and conference rooms. With the V Series, you can create dynamic digital signage solutions in virtually any space and achieve your business goals.



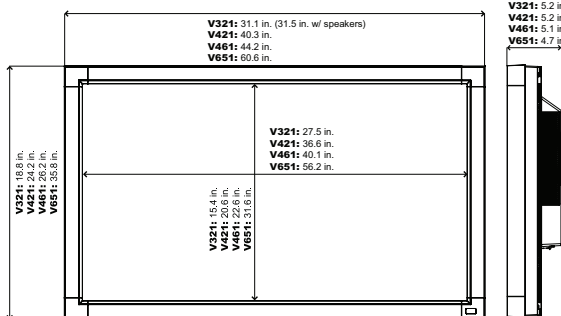
- ❑ **Expanded connectivity with built-in expansion slot** allows for seamless integration of current and future NEC accessories and third-party components\*
- ❑ **Commercial-grade design** lead to the displays' extended use for various applications
- ❑ **Public-display-grade panel** protects against permanent image retention
- ❑ **Comprehensive input panel**, including DisplayPort\*, HDMI, 5 BNC (RGBHV, DVD/HD, or composite video), DVI-D (in/out\*), and 15-pin D-sub in/out, connects you to the latest peripherals
- ❑ **High brightness and contrast ratio** help create eye-catching images and crisp, easy-to-read text
- ❑ **Protective-glass and touch-panel ready design** provide opportunities for module protection and interactivity
- ❑ **15W rear-mounted speakers\*** provide stereo audio for those applications requiring sound
- ❑ **TileMatrix™** allows you to create video walls (up to 25 displays in a 5x5 matrix)
- ❑ **TileComp™** works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall
- ❑ **Landscape and portrait orientations** allow for flexible content placement, maximizing audience awareness\*
- ❑ **Extensive control, diagnostic and communication** provide the highest level of remote display management. These include:
  - **RS-232-enabling multi-display control and daisy chain** allows for individual and group-addressable control, and simple, effective setup and monitoring of the display
  - **Ethernet connectivity** adds the same RS-232 control plus automatic email notification for diagnostic purposes
  - **NaViSet™ software\*** offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.
  - **DDC/CI standard\*** allows for PC control of the display based on the VESA command set
- ❑ **Scheduler with round-the-clock feature** allows for 7-day scheduling of content and powering of the display
- ❑ **Extensive environment-friendly components** contribute to significant energy savings and a lower total cost of ownership
- ❑ **Text ticker** enables you to dedicate a portion of the screen to applications such as emergency warnings or news updates via a separate input. While your primary content is displayed via one input and fills the majority of the screen, your secondary ticker information can be displayed on the lower/remaining portion of the screen via a second input.
- ❑ **6-axis color control** allows for precise and simplified color, color temperature and saturation adjustment
- ❑ **Built-in handles**, available with larger-sized models, allow for easier transport and installation
- ❑ **ENERGY STAR 5.0\*** is proudly offered for select V Series displays, which meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy, helping you save money and reduce greenhouse gas emissions

\* available on select V Series models

# Specifications for V321-2/V421-2/V461-2/V651

MODEL	V321-2	V421-2	V461-2	V651
LCD MODULE				
Viewable Size (Diagonal)	32"	42"	46"	65"
Panel Technology	SPVA	S-IPS	SPVA	A-MVA
Native Resolution	1366 x 768	1920 x 1080		
Pixel Pitch	0.51mm	0.48mm	0.53mm	0.74mm
Brightness (Typical)	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Contrast Ratio (Typical)	3000:1	1300:1	3000:1	5000:1
Active Screen Area (W x H)	27.5 x 15.4 in. / 697.6 x 392.3mm	36.6 x 20.6 in. / 930.2 x 523.3mm	40.1 x 22.6 in. / 1018.5 x 572.9mm	56.2 x 31.6 in. / 1428.5 x 803.5mm
CONNECTIVITY				
Input Terminals				
Digital	HDMI, DVI-D			DisplayPort, HDMI, DVI-D
Analog	15-pin D-sub, 5 BNC (RGBHV, DVD/HD, or Video), BNC Composite Video, S-Video			
Audio	RCA Audio x 2, Stereo Mini-Jack			
External Control	RS-232, IR Remote, DDC/CI			RS-232C, Ethernet (RJ45), DDC/CI
Output Terminals				
Digital				DVI-D
Analog	15-pin D-sub, BNC Composite Video			BNC Composite Video
Audio	RCA Audio, External Speaker Jack x 2			
External Control	RS-232			
FEATURES				
Additional Features	Standard bezel, sealed panel design, Ethernet Control and Communication, TileMatrix (5x5), TileComp, programmable lookup tables, Plug and Play (DDC/CI, DDC2B), PIP/POP/side-by side picture, 6-axis color adjustment, 10-bit gamma, multi-level programmable zoom, scheduler (w/ RTC), sharpness/softness, off-timer (countdown), screen saver, vacation switch, AutoBright (signal input), Windows Vista-certified, portrait-capable, touch- and protective screen-ready, color temperature adjustment (2600-10,000K)			
POWER				
Power Requirements	1.4 A@100-120V, 0.6 A@220-240V	2.1 A@100-120V, 0.85A@220-240V	2.4 A@100-120V 1.0 A@220-240V	TBD
Power Consumption (Typical)	75W	160W	185W	330W
Power Consumption (Standby Mode)		< 1W		< 1W
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	1.7 in./1.7 in., 1.6 in./1.6 in. ; 43mm/43mm, 41mm/41mm		2 in./2 in., 1.8 in./1.8 in. ; 51mm/51mm, 46mm/46mm	2.1 in./2.1 in., 2 in./2 in. ; 53mm/53mm, 51mm/51mm
Dimensions (without stand; WxHxD)	31.1 x 18.8 x 5.2 in. / 789 x 476.3 x 133mm	40.3 x 24.2 x 5.2 in. / 1022.9 x 613.5 x 133mm	44.2 x 26.2 x 5.1 in. / 1121.5 x 664.7 x 129.8mm	60.6 x 35.8 x 4.7 in. / 1540.4 x 909.2 x 118.9mm
Packaging Dimensions (WxHxD)	36.4 x 23.8 x 11 in. / 925 x 604 x 280mm	45 x 27.7 x 9.3 in. / 1142 x 703 x 237mm	50 x 30.3 x 10.8 in. / 1270 x 769 x 275mm	71.5 x 46.9 x 14.8 in. / 1816 x 1192 x 375mm
Net Weight (with speakers)	33.5 lbs. / 15.2 kg	47.2 lbs. / 21.4 kg	54.9 lbs. / 24.9 kg	
Net Weight (without speakers)	31.5 lbs. / 14.3 kg	45.2 lbs. / 20.5 kg	52.9 lbs. / 24 kg	118.6 lbs. / 53.8 kg
Gross Weight (with box)	42.1 lbs. / 19.1 kg	57.1 lbs. / 25.9 kg	66.2 lbs. / 30 kg	147.7 lbs. / 67 kg
VESA Hole Configuration	400 x 200mm (12 hole)			400 x 400mm (4 hole)
ENVIRONMENTAL CONDITIONS				
Operating Temperature	5-40°C / 41-104°F			
Operating Humidity	20-80%			
ACCESSORIES				
Included	Rear-mounted speakers, power cord, 15-pin D-sub cable, setup sheet, wireless remote control, batteries, cable cover, CD-ROM (user manual)			
Optional	Stand (ST-3215), speakers (SP-3215), tilt wall mount kit (WMK-3257), External PC (TNETPC-ION)	Stand (ST-4020), speakers (SP-P4046), tilt wall mount kit (WMK-3257), External PC (TNETPC-ION)	Stand (ST-4020), speakers (SP-4615), tilt wall mount kit (WMK-3257), External PC (TNETPC-ION)	Stand (ST-651); speakers (SP-RM1); External PC (TNETPC-ION); External TV tuner (TVBOX); DVI Daisy Chain (SB-L008WU); HD-SDI (SB-007KK)
WARRANTY/SERVICE				
Limited Warranty	3 years parts and labor, including backlight*			

\* Warranty restrictions apply. Contact your representative for details.

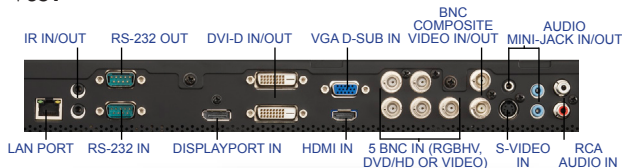


Rear-mounted speakers. Integrated on V651 (not shown).

## V321-2/V421-2/V461-2



## V651



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